



CONCRETE NZ

CONFERENCE 2022

AWARDS

WITHIN A REVISED CONCRETE  
INDUSTRY AWARDS FRAMEWORK



**Cover.** Auckland's Waterview Tunnel, a previous Concrete NZ award winner.  
**Image.** Jeff Smith Photography.

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# INTRODUCTION

To enhance opportunities for celebrating achievements in, and raise the profile of, the concrete industry, Concrete NZ is pleased to announce that it will be moving to two annual awards events.

One of the events will remain part of the established annual Concrete NZ conference formal dinner, held during October. This event will be primarily inward facing, and appeal to Concrete NZ members across all the Sector Groups and the Learned Society.

The second, new awards event will be outwards facing, appealing to clients and stakeholders not directly involved in the concrete industry, as well as Concrete NZ members. It is hoped that the inaugural Concrete Industry Awards event will take place at some stage during 2023 in Auckland.

The introduction of the new awards framework will see the Learned Society's Concrete Awards, Concrete<sup>3</sup> Sustainability Awards and Readymix Awards discontinued.

The revised awards framework does, however, acknowledge and respect the historical awards.

## 2022 CONCRETE NZ CONFERENCE AWARDS

- Honorary Life Member
  - Outstanding Contribution
  - Producer - Extra Distance\*
  - Producer - Technical Excellence\*
  - Plant Audit Scheme
  - Health & Safety Achievement\*
  - Carbon Reduction\*
  - Inclusion & Diversity\*
  - Concrete Industry Apprentice of the Year
  - Learned Society (Student) Concrete Prizes
  - Concrete Canoe Race Winner
  - Best Conference Trade Exhibit
  - Sandy Cormack Best Paper
- \* See pages 9-11 for entry details.*

## 2023 CONCRETE INDUSTRY AWARDS

- Premier Concrete Award
- Excellence in Architectural Concrete (Monte Craven Award)
- Excellence in Concrete Infrastructure
- Excellence in Commercial Concrete
- Excellence in Residential Concrete
- Excellence in Concrete for the Community
- Excellence in Heritage Concrete
- Excellence in Concrete Innovation
- Best Graduate Engineer and Architect
- Enduring Concrete Award



The following pages outline the awards that will be presented during the annual Concrete NZ conference. As indicated above, the entry form for five of the awards is included.

I look forward to reviewing all the entries received by Concrete NZ, as well as joining you to celebrate the outstanding individuals, projects and initiatives that make the concrete industry so unique and rewarding to be a part of.

**Rob Gaimster**  
Chief Executive

## Honorary Life Member

A Concrete NZ Honorary Life Member will be recognised for their eminent contribution to the Concrete Industry. This is the top tier of membership. The standard to be an Honorary Life Member is exceedingly high.

To be eligible to be considered for Honorary Life Membership, a nominee must demonstrate attributes including eminence, sustained leadership and profile and industry mana.

There is no set checklist of criteria for Honorary Life Membership – someone who has a combination of the following attributes would be considered acceptable for nomination:

- High level of seniority in the concrete industry.
- Demonstrated thought or people leadership.
- Widely respected within and outside of the industry.
- Influential and uses that influence to benefit the industry and New Zealand.
- Contributes to public debate to advance concrete and concrete issues nationally and internationally.
- Inspirational and a role model.
- Upholds and lives the values of the concrete industry.
- Dedication to Concrete NZ and/or Sector Group/Section, including legacy associations.
- Significant contribution to the industry beyond their normal work.
- No ethical or reputational issues.

It is not necessary for awards to be made every year, if there are no appropriate candidates. **This award is peer-nominated, with the number of awards in any year at the discretion of the Concrete NZ Board.**

## Outstanding Contribution

This award recognises individuals who have made an important contribution to concrete design, construction, material supply or research, in their career to date. It acknowledges those who have offered sustained support to the advancement of the concrete industry. Candidates may not have sought personal recognition and may be quiet achievers, but their contribution is nonetheless significant.

There are no strict criteria for an Outstanding Contribution Award – someone who has a combination of the following attributes would be considered appropriate for nomination:

- A sustained and far reaching contribution to industry.
- An expert in their field – this can apply to both technical and practical fields.
- Is widely respected within and outside of the concrete industry.
- Has advanced the understanding of concrete.
- Is inspirational and a role model.
- No ethical or reputational issues.

It is not necessary for awards to be made every year, if there are no appropriate candidates. **This award is peer-nominated, with the number of awards in any year at the discretion of the Concrete NZ Board.**

## Producer - Extra Distance

“There are no traffic jams along the extra mile” is an expression that captures the focus of this award, which places a premium on a producer’s uncompromising commitment to customer satisfaction.

Providing a level of service that ensures clients get exactly what they need, when they need it and to the highest standard, requires a dedicated approach to ready mixed concrete or precast production and delivery.

The producer’s expert knowledge ensures that the customer’s wants are what they really need, while their project management skills make sure things get done on time and within budget to enable a quality outcome.

Previous winners of this Award have included Allied Concrete for the Newmarket Viaduct Replacement in 2012 and Higgins Concrete for its Cyclone Gita Response in 2018.

**This award targets Precast, Readymix and Reinforcing Sector Group members.  
See page 9-11 for entry details.**

## Producer - Technical Excellence

In its simplest form, concrete is a mixture of cement, air, water, and aggregate (fine and coarse). Yet these multiple ingredients can influence the fresh and hardened properties of ready mixed concrete and in turn whether the desired engineering outcome is attained.

The production controls required in the manufacture of precast concrete components and the processing of reinforcing steel demand a similar level of expertise that contribute hugely to achieving the specified result.

This award recognises a producer’s knowledge and capability as being key to the delivery of innovative technical solutions.

Previous winners of this Award have included Firth Industries for the University of Canterbury Structural Engineering Laboratory Project in 2016 and Allied Concrete for the New Brighton Pier Earthquake Strengthening Project in 2018.

**This award targets Precast, Readymix and Reinforcing Sector Group members.  
See page 9-11 for entry details.**

## Plant Audit Scheme - Gold, Silver & Bronze

With the 2019 dissolution of the New Zealand Ready Mixed Concrete Association (NZRMCA) the Plant Audit Scheme moved under the Concrete NZ banner.

In doing so, the Scheme, which provides an independent audit of around 200 ready mixed concrete plant's quality systems in line with *NZS 3104 Specification for Concrete Production*, assured its future as part of the wider construction sector.

Replacing the previous Supreme Plant Award, a new Gold, Silver and Bronze system was introduced as a simpler, more transparent way of rewarding continued excellence.

To receive an annual 'Excellence' certificate a plant must not have received any 'determinations' (i.e. corrective actions) or have its Test Frequency Requirements questioned.

This means that plants which have demonstrated three years of continuous 'Excellence' are now recognised as Bronze, those with five years of continuous 'Excellence' as Silver and those with 10 years of continuous 'Excellence' as Gold.

**The recipients of Gold, Silver and Bronze are calculated by the Plant Audit committee.**

## Health & Safety Achievement

The *Health & Safety at Work Act* came into force in April 2016, placing a greater accountability for businesses and individuals, and a greater requirement for everyone on-site, to work together to stay safe.

To manage work-related risks that could cause serious injury, illness or even death, and in turn improve health and safety performance, everyone needs to work together within an organisation and across organisations.

Reviewing for continuous improvement, identifying and assessing risks, eliminating or minimising risks and monitoring control measures lie at the core of sound health and safety practice.

The Health & Safety Achievement award acknowledges organisations and individuals who have demonstrated innovation and leadership in helping to improve health, safety and wellbeing in the concrete industry.

**This is a new award, and is open to all Concrete NZ members. See pages 9-11 for entry details.**

## Diversity & Inclusion

Diversity is the presence of difference within a given setting. At work this aligns with identity in terms of race and gender, as well as ethnicity, religion, nationality or sexual orientation. Respecting and valuing the skills and differences of each individual underpins workplace diversity.

Inclusion relates to individuals with different identities feeling and/or being valued, leveraged, and welcomed within a given setting such as the workplace. A common expression used to convey the meaning of these two terms is - "Diversity is being invited to the party; inclusion is being asked to dance."<sup>1</sup>

By creating diverse teams and focusing on real inclusion, individuals are encouraged to contribute their thoughts and ideas fearlessly. This drives the kind of innovation that fosters unique connections, allows for adaptability and yields results.

The Diversity and Inclusion award recognises those organisations that have made a genuine commitment to advance their culture through initiatives and programmes that embrace this business strategy.

**This is a new award, and is open to all Concrete NZ members. See pages 9-11 for entry details.**

1 The Vernā Myers Company. <https://www.vernamyers.com>

## Carbon Reduction

A review by independent sustainability consultancy - *thinkstep* – recently confirmed that the New Zealand concrete industry has reduced its emissions from cement by 15 percent between 2005 and 2018.

At the same time, the industry has developed a 'vision' which states that by 2030 it will be recognised as a sustainable, socially responsible and profitable participant in the construction sector, and have reduced its global warming potential by 30 percent of 2005 levels. The mechanisms to achieve this vision include:

- Using efficient energy sources for manufacturing and delivery processes.
- Driving waste minimisation in manufacturing, delivery and construction.
- Developing recycling processes to minimise the use of virgin materials.
- Adopting new technologies where appropriate.
- Being engaged with our local communities.
- Facilitating the increased uptake of low carbon supplementary cementitious materials (SCMs).

The Carbon Reduction award acknowledges those that have undertaken initiatives to reduce their carbon footprint, and in turn help the concrete industry achieve its 2030 vision.

**This is a new award, and is open to all Concrete NZ members. See pages 9-11 for entry details.**



## Concrete Industry Apprentice of the Year

Concrete apprentices from around New Zealand are encouraged to showcase their talent and commitment by entering the 2022 Concrete Industry Apprentice of the Year award.

The reasons for establishing the award in 2017 remain important - primarily the need to develop skilled concrete workers, as well as making sure those considering a career in construction are aware of the opportunities that the concrete industry offers.

The Award is open to all people who are currently enrolled in, or have qualified in one of the BCITO concrete-based apprenticeships (National Certificate or New Zealand Certificates) since 1 October 2019.

The successful apprentice takes home the sought-after title of 2022 Concrete Industry Apprentice of the Year, as well as a prize pack consisting of:

- Classic (16-day) Outward Bound course
- \$1,000 cash prize
- \$500 merchant voucher
- Apple iPad or similar

**This award is open to Concrete NZ members and non-members. Visit the Concrete NZ website for entry details - [www.concretenz.org.nz/page/aoy](http://www.concretenz.org.nz/page/aoy)**

## Learned Society (Student) Concrete Prizes

The Concrete NZ Learned Society 'Concrete Prizes' are available to students undertaking their final year of a relevant bachelor's degree or a professional/taught master's programme.

The prizes are awarded to New Zealand based students, nominated by their tertiary education institute, who demonstrate excellence in their studies and who contribute to the following objectives of the Learned Society:

- Advancing excellence in environmental, architectural and structural design and construction.
- Networking within, and promotion of, the concrete industry.
- Encouraging and recognising innovation in concrete.
- Promoting the Learned Society.

The Learned Society awards up to four Concrete Prizes each year, with each consisting of:

- A framed certificate and \$1,000 cash.
- One year's complimentary membership of the Concrete NZ Learned Society.
- Complimentary attendance at the following year's Concrete NZ conference (includes registration, travel expenses up to NZ\$400, and two nights' accommodation).

**Entries in this award are through nominations received from a student's tertiary education institute.**

## Concrete Canoe Race

Students from across New Zealand have the opportunity to push concrete boundaries by designing, building and racing a canoe made from reinforced concrete.

Team size is not restricted, but four students should be nominated to participate in the race and present their work. The canoe is an open top watercraft designed for use with single bladed paddles, and must be able to safely support two paddlers.

Canoes can be constructed from a cementitious binder combined with aggregate to form a mortar or concrete. The use of admixtures and embedded reinforcing is permitted as are waterproofing systems.

A minimum of two members from each group will be required to present their canoe design at the Concrete NZ conference, before participating in a series of relay races.

The winner is the team with the best combined score across the oral presentation, canoe evaluation and three relay races.

**Entry into the Concrete Canoe Race is through prior arrangement with the Learned Society.**

## Best Conference Trade Exhibit

At every conference the Concrete NZ Readymix Sector Group recognises the efforts of trade exhibitors by selecting one to receive the Best Trade Exhibit award.

The key to an effective trade stand is to command attention while being inviting and informative. The ways to achieve this are many and varied, including an open space, standing out from the crowd, experiential marketing and a "less is more" approach - not to mention big concrete trucks!

The support offered by conference patrons, sponsors and trade exhibitors increases the value proposition of the Concrete NZ conference and deserves particular acknowledgement.

**This award is judged during conference by the Concrete NZ Readymix Sector Group committee.**

## Sandy Cormack Best Paper

This prestigious award was established in 1998 in the memory of H.W. (Sandy) Cormack, and recognises topics relevant to the development of the concrete industry in New Zealand.

Judged against the written paper's structure, clarity and completeness, the presenter's ability to connect with and hold the audience, as well as the paper's overall significance and relevance in the development of concrete knowledge, the award is presented, along with a \$1,000 cash prize, to the author/s of the best paper at the annual Concrete NZ conference.

The most recent winner of the Sandy Cormack Award was Tim Shannon of Lewis Bradford Consulting Engineers for *Tūranga Library Christchurch - Hybrid Rocking Precast Concrete Wall Panels*.

**This award is judged during conference by a representative committee of Concrete NZ members.**

### H.W. (SANDY) CORMACK

Perhaps no other individual is more synonymous with the concrete industry in New Zealand than Sandy Cormack. Wellington born, Sandy was an engineer who became chief executive of Certified Concrete Ltd from its establishment in 1938 until retiring in 1971.

Sandy had a principal role in setting-up the New Zealand Portland Cement Association (NZPCA) in 1948, and served on the board until 1978. Through his work in introducing quality control to concrete production he also served on many Standards committees.

Sandy was instrumental in establishing the New Zealand Ready Mixed Concrete Association (NZRMCA), and its plant classification scheme. He was involved with the establishment of the Prestressed Concrete Institute (later to become the Concrete Society), and was its first President. When the New Zealand Concrete Research Association was founded in 1972, he was chairman of its technical advisory committee and served on its board until 1985.

However, many believe Sandy's greatest achievement was his influence almost 75 years ago in the creation of the first two ready mixed concrete plants in New Zealand at Grant Road in Wellington and Madeira Lane in Auckland's Grafton. These two plants launched New Zealand into high-tech concrete, and it was from there that the formidable drive and talents of Sandy Cormack were to provide huge leadership and service.



# RULES AND GENERAL CONDITIONS

The Producer - Extra Distance, Producer - Technical Excellence, Health & Safety Achievement, Carbon Reduction and Inclusion & Diversity awards are presented by Concrete NZ as one means of:

- Recognising Concrete NZ producer members' uncompromising commitment to customer satisfaction and their contribution to projects that demanded innovative technical solutions.
- Acknowledging Concrete NZ members that have demonstrated innovation and leadership in helping to improve health, safety and wellbeing in the concrete industry.
- Applauding Concrete NZ members that have undertaken initiatives to reduce their carbon footprint, and in turn help the concrete industry achieve its 2050 vision.
- Celebrating Concrete NZ members that have made a genuine commitment to advance their culture through initiatives and programmes that embrace diversity and inclusion as a business strategy.
- Supporting industry to position concrete as the resilient construction material of choice for a modern New Zealand.

## ELIGIBILITY

- Projects or initiatives being considered for an award must have reached completion or been implemented not more than 24 months prior to the closing date for the awards.
- Projects or initiatives must be based in New Zealand.
- Joint entries from two or more companies are permitted.
- Scale of the projects or initiatives is immaterial.
- Projects or initiatives may be from any part of the concrete industry.
- The principal entrant must be a Concrete NZ member.

## HOW WILL ENTRIES BE JUDGED?

Within each award category entries will be judged by a panel of industry experts, using criteria that considers multiple factors to achieve an appropriate and balanced outcome.

## HOW TO ENTER & CLOSING DATE

See pages 10-11 for entry details. You have until **Friday 19 August 2022** to submit your entry.

## AWARD RESULTS AND PRESENTATION

The decision of the judges will be announced at the 2022 Concrete NZ conference formal dinner held Friday 14 October 2022 at the Energy Events Centre in Rotorua.

# ENTRY FORM

## AWARD CATEGORY

- Producer - Extra Distance  Producer - Technical Excellence  Health & Safety Achievement  
 Carbon Reduction  Inclusion & Diversity

Organisation/Company

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Project/initiative

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Client

---

Consultant (Engineer/architect/specialist)

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Contractor

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Name of contact person for the entry

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Address (postal or physical)

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Phone

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Mobile

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Email

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Website

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## CRITICAL FACTORS

Briefly state the critical factors about your entry, which the judges should consider:

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## ENTRY DESCRIPTION

Using no more than 500-1000 words, please attach a typed description of your entry that may be used to inform judging, media releases and award publications.

## ENTRY IMAGERY

Please submit at least four high resolution (approximately 1MB/min 300dpi) digital photographs, drawings or plans for the entry. All material can be submitted via post or email to [adam@concretenz.org.nz](mailto:adam@concretenz.org.nz)

## DECLARATION

I/we, being the organisation, contractor or consultant responsible for this entry, hereby declare that this entry meets the entry criteria, and the information provided is correct. I/we also understand that failure to provide correct information may result in disqualification from the award. I/we agree to participate in any media or promotional activity surrounding the award, and agree that photographs of the entry may be used for promotional purposes. I/we have read and agree to the terms and conditions of entry.

Name

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Position

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Signature

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Date

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# FURTHER INFORMATION

## CLOSING DATE

Entries close **Friday 19 August 2022**.

## SEND YOUR ENTRY FORM, ENTRY DESCRIPTION AND IMAGES TO:

Concrete NZ Conference 2022 Awards

c/- Concrete NZ, P O Box 448, Wellington, or courier to Level 4, 70 The Terrace, Wellington

Alternatively, all entry material can be sent via email to [adam@concretenz.org.nz](mailto:adam@concretenz.org.nz)

## CHECKLIST

Please check you have included:

- Completed entry form.
- Completed 500-1000 word description.
- Entry imagery – four high-resolution digital photographs, drawings or plans

For further information contact Adam Leach by email [adam@concretenz.org.nz](mailto:adam@concretenz.org.nz) or 027 535 5144.

## TERMS AND CONDITIONS

1. You must declare if your entry is subject to any dispute or litigation with a third party.
2. The details you enter under each entry will be published if it becomes a finalist or winner. Please ensure these details are correct at the time of entry.
3. Each entrant is responsible for securing authorisation for entry from all relevant parties.
4. Each entrant is responsible for ensuring they supply entry imagery – four high-resolution digital photographs, drawings or plans.
5. The judges reserve the right to withhold the award if entries are not of a suitably high standard, and to make any other decisions to ensure the high standard of the award is maintained.
6. The judging panel will comprise three or more expert individuals from the concrete and wider construction industries.
7. If, in the opinion of the judges, none of the entries meet the criteria of excellence, or insufficient entries are received, the entries will not proceed and no award shall be made at the award committee's discretion.
8. The organisers reserve the right to withdraw an award if they later find that the entrant did not comply with the entry conditions.
9. The judges' decisions will be final, and no correspondence will be entered into.
10. The success of the award relies on complete confidentiality until the winners are publicly announced. All entrants are required to adhere to this condition; failure to do so could result in disqualification. The award organisers will make all announcements concerning finalists and the winner.
11. By entering the award permission is granted Concrete NZ to use entry details and images in related promotional activity.



